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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/622,458	07/21/2003	Dong Hun Yoon	HI-0155	5225
34610	7590	12/16/2005	EXAMINER	
FLESHNER & KIM, LLP P.O. BOX 221200 CHANTILLY, VA 20153			CRIBBS, MALCOLM D	
			ART UNIT	PAPER NUMBER
			2115	

DATE MAILED: 12/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/622,458	Applicant(s) YOON ET AL.	
	Examiner Malcolm D. Cribbs	Art Unit 2115	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>07/21/2003</u> . | 6) <input type="checkbox"/> Other: ____.  |

## DETAILED ACTION

**Claims 1-26 are presented for examination.**

### ***Claim Rejections - 35 USC § 101***

1. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 21-26 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claims 21-26 are not limited to tangible embodiments. In view of the Applicant's disclosure, specification page [17-26], lines [1 of each claim], the medium is not limited to tangible embodiments, instead being defined as including both tangible embodiments (e.g., [computer medium]) and intangible embodiments (e.g., [readable medium]). As such, the claims are not limited to statutory subject matter and are therefore non-statutory.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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3. Claims 6-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Jorgenson et al [US Patent No. 5,990,872].

4. As per claim 6, Jorgenson et al teach the invention comprising:

an internal input device configured to receive commands [Fig. 1 touchpad 16 and keyboard]; and

a controller coupled to the internal input device and communicating with an operating system program [Fig. 3] that is configured to receive an enable function key input indicating that an external input device should be enabled [Col 8 line 1 – Col 9 line 3 Jorgenson et al teach one pointing device as an internal touch pad and the other pointing device as an external mouse [Col 1 lines 56-58; Col 8 lines 38-40]], wherein the operating system is configured to ignore data from the internal input device and to receive data from the external input device when the enable function key input is received [Col 6 lines 22-27].

As per claim 7, Jorgenson et al teach the invention of the internal input device comprises at least one of a keyboard, a touch pad, and a pointing stick [Fig. 1 touch pad 16, keyboard].

As per claim 8, Jorgenson et al teach the invention of the external input device comprises a USB mouse [Col 8 lines 40-42].

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-5, 11-19, 20, and 21-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Deng et al [US Patent No. 6,829,672] in view of Watts, Jr. et al [US Patent No. 6,341,320].

7. As per claim 1 and 20, Deng et al teach the invention, comprising:  
receive data from the external USB input device when an external USB input device is attached to the computer system [Col 9 lines 1-3].

Deng et al do not teach ignoring or disabling the internal device when an external device is attached to the computer system. Specifically, Deng et al teach detecting when an external device is plugged into the computer. However, Deng et al fail to detail the function of the internal device when an external device is attached. A routineer in the art would have been motivated to look for a teaching for the possible function of an internal device when an external device is connected.

Watts, Jr. et al teaches another input selection system that detects when an external device has been attached. When an external device is attached, the internal

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device is disabled [Col 31 lines 61-62]. In summary, Watts, Jr. et al teach a system that disables the internal device, when an external device is connected, instead of continuing to receive input from the internal device.

It would have been obvious to one of the ordinary skill in the art to combine the teaching of Deng et al and Watts, Jr. et al because they both teach enabling an external device when it is attached to the computer. Watts, Jr. et al covers deficiency of Deng et al by teaching the detail of disabling the internal device when the external device is attached to the computer.

As per claim 4, Watts, Jr. et al teaches receiving the data from the internal input device when the external device is detached from the computer [Col 31 lines 62-64].

As per claims 11-19, it is directed to the method of steps to implement the system as set forth in claims 1-5. Therefore, it is rejected for the same basis as set forth hereinabove.

As per claims 21-26, it is directed to the computer readable medium to implement the system as set forth in claims 1-5. Therefore, it is rejected for the same basis as set forth hereinabove.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Malcolm D. Cribbs whose telephone number is 571-272-5689. The examiner can normally be reached on M-F 8AM-430PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Lee can be reached on 571-272-3667. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Malcolm D Cribbs  
Examiner  
Art Unit 2115

A handwritten signature in black ink, appearing to be 'M. D. Cribbs', with a long horizontal flourish extending to the right.